

First Year at Dallas County Community College District	FALL			SPRING			SUMMER (IF APPLICABLE)		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ENGL 1301	Composition I	3	ENGL 1302	Composition II	3	GOVC 2305	Federal Government	3
	HIST 1301	US History I	3	HIST 1302	US History II	3			
	MATH 2413	Calculus I	4	MATH 2414	Calculus II	4			
	ECON 2301	Microeconomics	3	ENGR 2304	Programming	3			
	ENGR 1201	Intro to Eng	2						
		Fall Total Credit Hours	15		Spring Total Credit Hours	13		Summer Total Credit Hours	3

Second Year at Dallas County Community College District	FALL			SPRING			SUMMER (IF APPLICABLE)		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ENGR 2306	Intro to Digital Syst with Lab	3	GOVT 2306	TX Government	3			
	ENGR 2305	Electrical Circuits I	3	CHEM 1411	Gen. Chemistry I	4			
	ENGR 2105	Circuits I Lab	1	PHYS 2426	Univ. Physics II	4			
	PHYS 2425	University Physics I	4	MATH 2415	Calculus III	4			
	ENGR 2300	Applied Lin Algebra	3						
		Fall Total Credit Hours	14		Spring Total Credit Hours	15		Summer Total Credit Hours	0

Additional Semester at LU	Summer Semester								
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ELEN 3101	Advanced EE Lab	1						
	ELEN 3328	Quantum Mechanics 4 Ees	3						
	ELEN 3431	Digital Logic Design	4						
	MATH 3301	Ordinary Diff Equ	3						
		Total Credit Hours	11						

Third Year at Lamar University	FALL			SPRING			SUMMER (IF APPLICABLE)		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ELEN 3312	Circuits II	3	ELEN 3313	Signals & Systems	3	COMM 1315	Public Speaking	3
	ELEN 3371	Electromagnetics	3	ELEN 3322	Electronics II	3	PHIL 2306	Ethics	3
	ELEN 3421	Electronics I	4	ELEN 3381	Electrical Analysis	3			
	ELEN 4486	Microcomputers I	4	ELEN 3441	Fund. Power Engr.	4			
				ELEN 4387	Microcomputers II	3			
		Fall Total Credit Hours	14		Spring Total Credit Hours	16		Summer Total Credit Hours	6

Fourth Year at Lamar University	FALL			SPRING			SUMMER (IF APPLICABLE)		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ELEN 4306	Senior Proj Design I	3	ELEN 4307	Sen Proj Design II	3			
	ELEN 4351	Control Engineering	3	Fine Arts Core*#A		3			
	ELEN Elective ^{EE}		3	MATH 3370	Intro to theory of Statistical Inference	3			
	ELEN Elective ^{EE}		3	ELEN Elective ^{EE}		3			
		Fall Total Credit Hours	12		Spring Total Credit Hours	12		Summer Total Credit Hours	0

NOTES/COMMENTS:
 All STEM courses require a grade of "C" or better to satisfy degree plan/prerequisite requirements.
 PH - or PHIL 2306 Ethics
 EE - Non-EE courses may be substituted if approved by the Department Chair
 CO - Communication electives are: COMM 1315, 1321, DSDE 1371, FREN 1311, or SPAN 1311
 FA - Fine Arts electives are: ARTS 1301, 1303, DANC 2304, MUSI 1306, COMM 1375, or PHIL 1330
 HI - Two semesters of US or Texas history from HIST 1301, 1302, or 2301
 SBS - Social and Behavioral Science electives are: ECON 1301, PSYC 2301, SOCI 1301, ENON 2301, 2302, or ENGR 2308
 PR - ELEN 1301 - Intro to Computers & Programming is needed before taking ELEN 2411 Circuits I. (An equivalent high school or community College programming course may be accepted)
 * Core Curriculum Course
 # Please discuss these course option with your advisor to determine what course best meets your needs.